

Welcome

David Brown (BNL)

CSEWG Meeting, Virtual Nuclear Data Week 2020

30 Nov. 2020

BROOKHAVEN
NATIONAL LABORATORY



BROOKHAVEN SCIENCE ASSOCIATES

Zoom meeting rules

- **Audience:**

- You are muted
- During Q&A, use the "raise your hand" button to ask a question. Depending on your platform, you may find this button at the bottom of the Zoom window, or in the "Participants" menu.
- Use the chat to talk amongst yourselves or to report technical issues to Gabe Lopez

"HI, WHO JUST JOINED?"	"CAN YOU EMAIL THAT TO EVERYONE?"	"IS _____ ON HERE?"	"UH _____ YOUR MIC IS STILL ON."	"YES, MY VIDEO IS ON."
(SOMEONE EATING ON SCREEN)	(LOUD PAINFUL FEEDBACK)	(CHILD OR ANIMAL ON SCREEN)	"HI, CAN YOU HEAR ME?"	"NO, IT'S STILL LOADING."
(WAVES AT NEW PERSON ARRIVING)	"CAN EVERYONE GO ON MUTE?"	"WERE IN THIS TOGETHER."	"I'M SORRY, YOU CUT OUT THERE."	(A CEILING FAN ON IN THE BACKGROUND)
"SO (cuts out) I CAN (unintelligible) BY (cuts out) OK?"	"SORRY I'M LATE (INSERT LAME EXCUSE.)"	(SOMEONE ZOOMING FROM THE BEDROOM)	(SIDEBAR CONVO GOING ON IN CHAT)	"I'M SORRY; I WAS ON MUTE."
"I'LL HAVE TO GET BACK TO YOU."	"CAN EVERYONE SEE ME?"	"SORRY, I WAS HAVING CONNECTION ISSUES."	(SOMEONE DRINKING COFFEE ON SCREEN)	"SORRY, I DIDN'T CATCH THAT. CAN YOU REPEAT?"

**AMPED UP LEARNING'S
VIRTUAL MEETING BINGO**

Zoom meeting rules

- **Speakers/Chairs:**

- Please mute your video and audio unless you are speaking
- Please upload your talk to indico, if your computer loses connection, we still have your talk
- Keep to the allotted time, the schedule is FULL

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**AMPED UP LEARNING'S
VIRTUAL MEETING BINGO**

Pre-NDW ACTION Items

- ZOOM rules
- mini-CSEWG & Hackathon
- Next Beta Release?
- 2018 & 2019 CSEWG Action Items
- Git(lab) Clinic Thursday

Unfinished 2018 Action Items

- ACTION: Zaitsev data for heavy water TSL measurements need correction. It has some light water inside and are normalization problems due to messed up EXFOR coding. Pass corrections onto Boris Pritychenko (BNL)
STATUS: CORRECTIONS NEVER SENT

- ACTION: M. D

THERE ARE TOO MANY TO GO THROUGH NOW

- ACTION: D. Br

- ACTION: P. Sa
captured in EN
into)

I WILL GO THROUGH THEM AND MAKE TRACKERS/ADD TO NEW MINUTES

usage details
eron breaks up

STATUS: UNFINISHED

- ACTION: Marco Pigni (ORNL) and Ian Thompson (LLNL) will either prepare a new proposal for a format change to include the Brune parameters or provide an ENDF manual update to explicitly define the frame of reference for the resonance parameters. STATUS: PARTIALLY COMPLETED

2019 Action Items

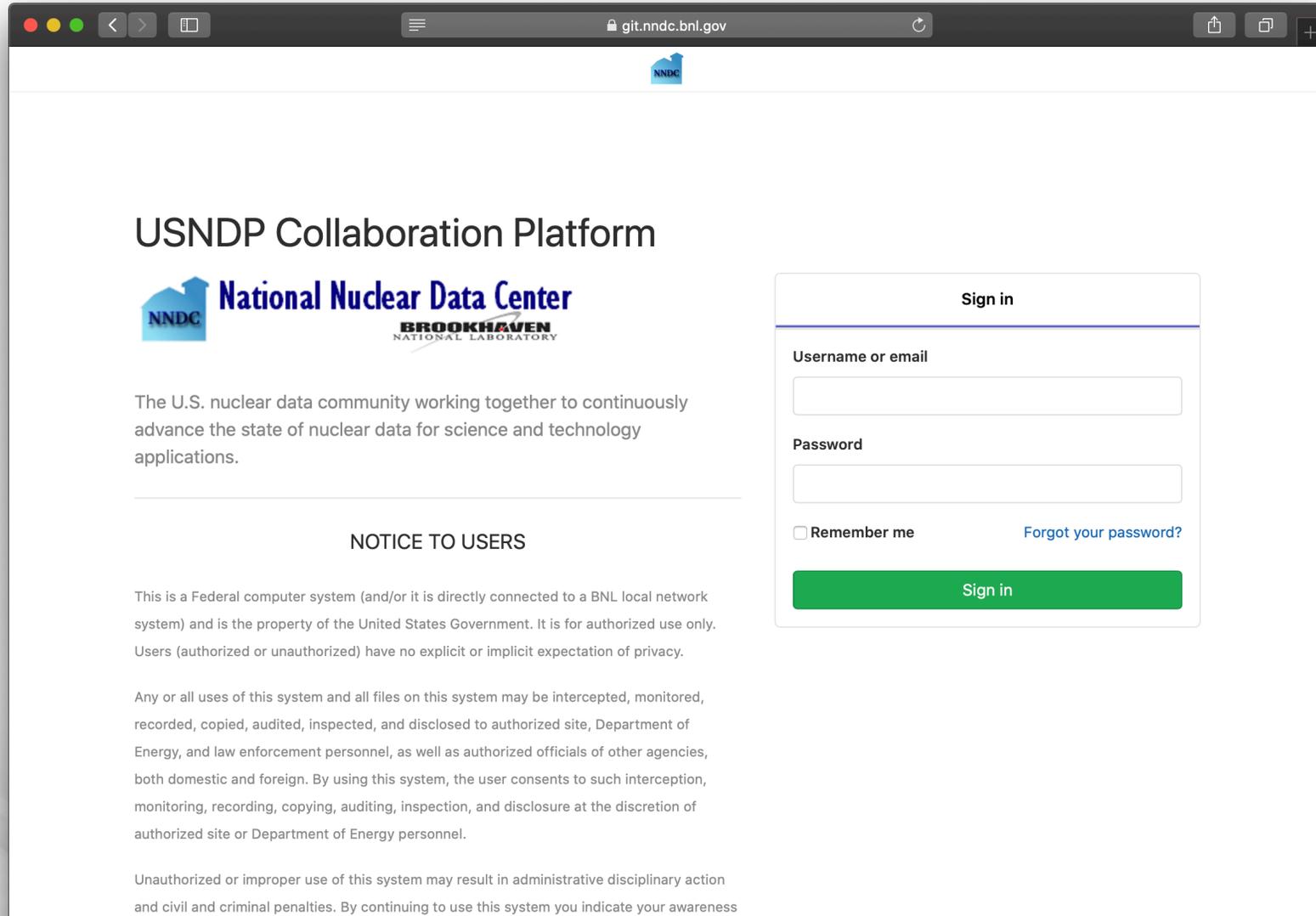
- ACTION: Fe inelastic
ACTION: Mn inelastic
- ACTION: John Bess — investigate Gd concentration in LCT benchmark specifications. Situation is complicated because original evaluator (Virginia Dean) passed away
ACTION: LANL — investigate issue with 16O evaluation
- ACTION: Dave Brown: Engage more with Marie-Laure Mauborgne & Galina Yakubova, invite them to WINS2019. Can they also help with benchmarking? Also, NASA contacts? Participate in WANDA? Send emails!
- ACTION: Plan mini-CS
focus on QA requirements
- ACTION: Each commit
Formats, Mike Z. For V
- ACTION: Convey issue
export control codes
- ACTION: Dave & Caleb, provide corrected GNDS covariance files
- ACTION: J. Thompson compare NNL g+9Be IAEA photonuclear library work – Kawano et al, 2019 (final report due shortly)
- ACTION: LANL ANGULAR AND ENERGY DISTRIBUTION EVALUATIONS FOR 62 N,Z REACTIONS
- ACTION: Bret, provide formal writeup so we can implement in manual. CLARIFICATION FOR DISCRETE GAMMA EMISSION (TRACKER #1155)
- ACTION: Wim will work with Jesse to correct the location of the LBK flag and complete the specification. Once complete, format is approved.
- ACTION: Jesse will provide test file (an RPI Ta evaluation) that can be circulated with all processing code teams
- ACTION: Dave will circulate these with other processing code teams
- ACTION: Approved, but Dave and Mark Paris, double check change before committing final version.
- ACTION: Jeremy, provide list of % changes for constants. Big issue is that the fundamental constants change then changed the definition of
- ACTION: Dave and Andrej to expand & clarify proposal.
- ACTION: Need full format proposal
- ACTION: Dave post PREPRO2019 version 2

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I WILL GO THROUGH THEM AND MAKE TRACKERS/ADD TO NEW MINUTES

Mini-CSEWG & Hackathon & Next (first?) beta release

- We will discuss all three in executive committee meeting
- Aim for spring for mini-CSEWG & Hackathon
 - 2019 plan was to hash out ENDF file review process here

We transitioned from GForge to git.nndc.bnl.gov



The screenshot shows a web browser window with the URL `git.nndc.bnl.gov`. The page features the NNDC logo and the text "USNDP Collaboration Platform". Below this is the National Nuclear Data Center logo, which includes the Brookhaven National Laboratory logo. A paragraph describes the platform as a collaboration for the U.S. nuclear data community. A "NOTICE TO USERS" section follows, detailing the system's status as a Federal computer system and its security requirements. A "Sign in" form is located on the right, with fields for "Username or email" and "Password", a "Remember me" checkbox, a "Forgot your password?" link, and a green "Sign in" button.

USNDP Collaboration Platform



National Nuclear Data Center

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The U.S. nuclear data community working together to continuously advance the state of nuclear data for science and technology applications.

NOTICE TO USERS

This is a Federal computer system (and/or it is directly connected to a BNL local network system) and is the property of the United States Government. It is for authorized use only. Users (authorized or unauthorized) have no explicit or implicit expectation of privacy.

Any or all uses of this system and all files on this system may be intercepted, monitored, recorded, copied, audited, inspected, and disclosed to authorized site, Department of Energy, and law enforcement personnel, as well as authorized officials of other agencies, both domestic and foreign. By using this system, the user consents to such interception, monitoring, recording, copying, auditing, inspection, and disclosure at the discretion of authorized site or Department of Energy personnel.

Unauthorized or improper use of this system may result in administrative disciplinary action and civil and criminal penalties. By continuing to use this system you indicate your awareness

Sign in

Username or email

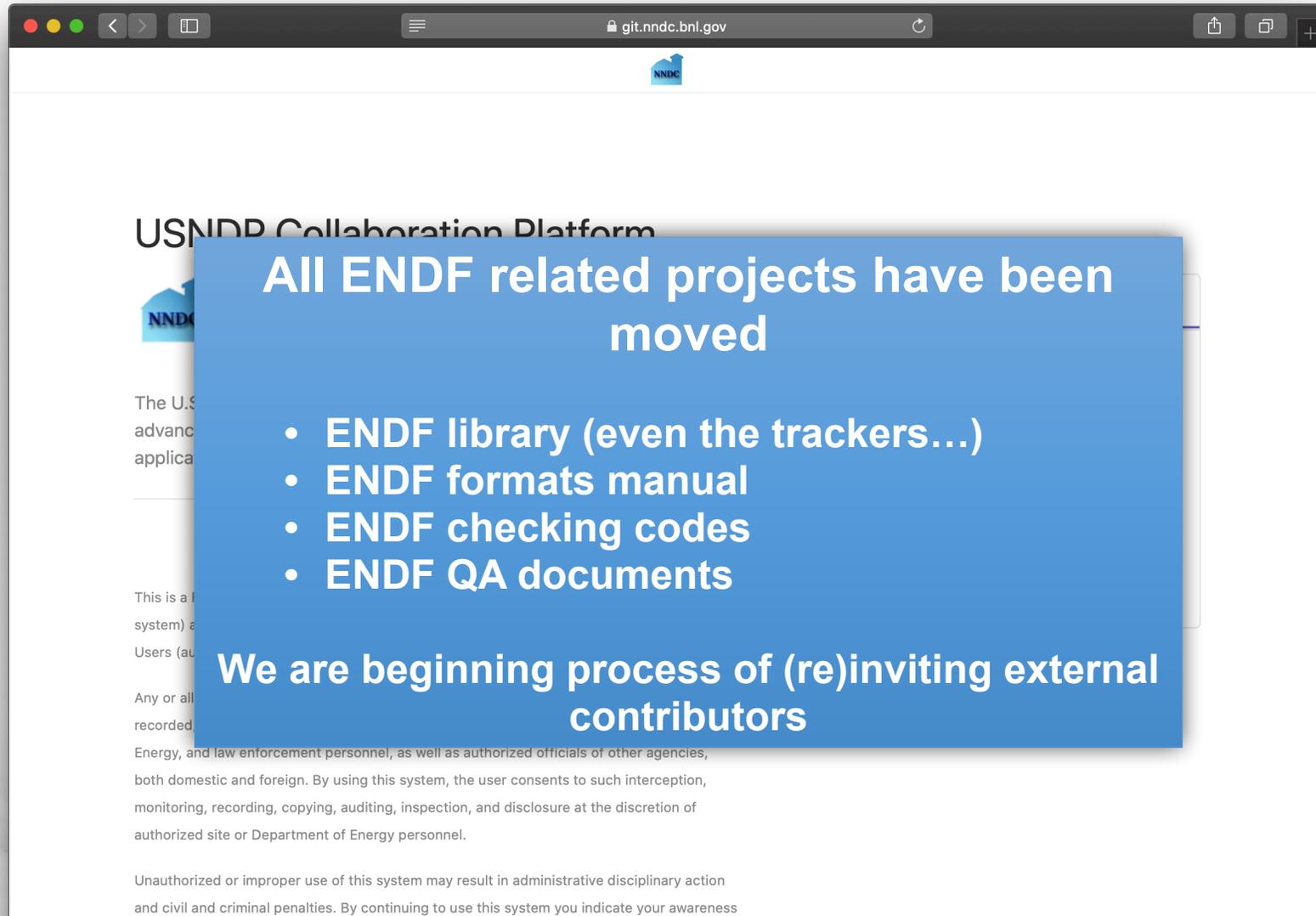
Password

Remember me [Forgot your password?](#)

Sign in



We transitioned from GForge to git.nndc.bnl.gov



The screenshot shows a web browser window with the address bar displaying "git.nndc.bnl.gov". The page content is partially obscured by a blue overlay box. The overlay box contains the following text and list:

All ENDF related projects have been moved

- ENDF library (even the trackers...)
- ENDF formats manual
- ENDF checking codes
- ENDF QA documents

We are beginning process of (re)inviting external contributors

USNNDP Collaboration Platform

The U.S. advanced applica

This is a (system) a

Users (au

Any or all recorded

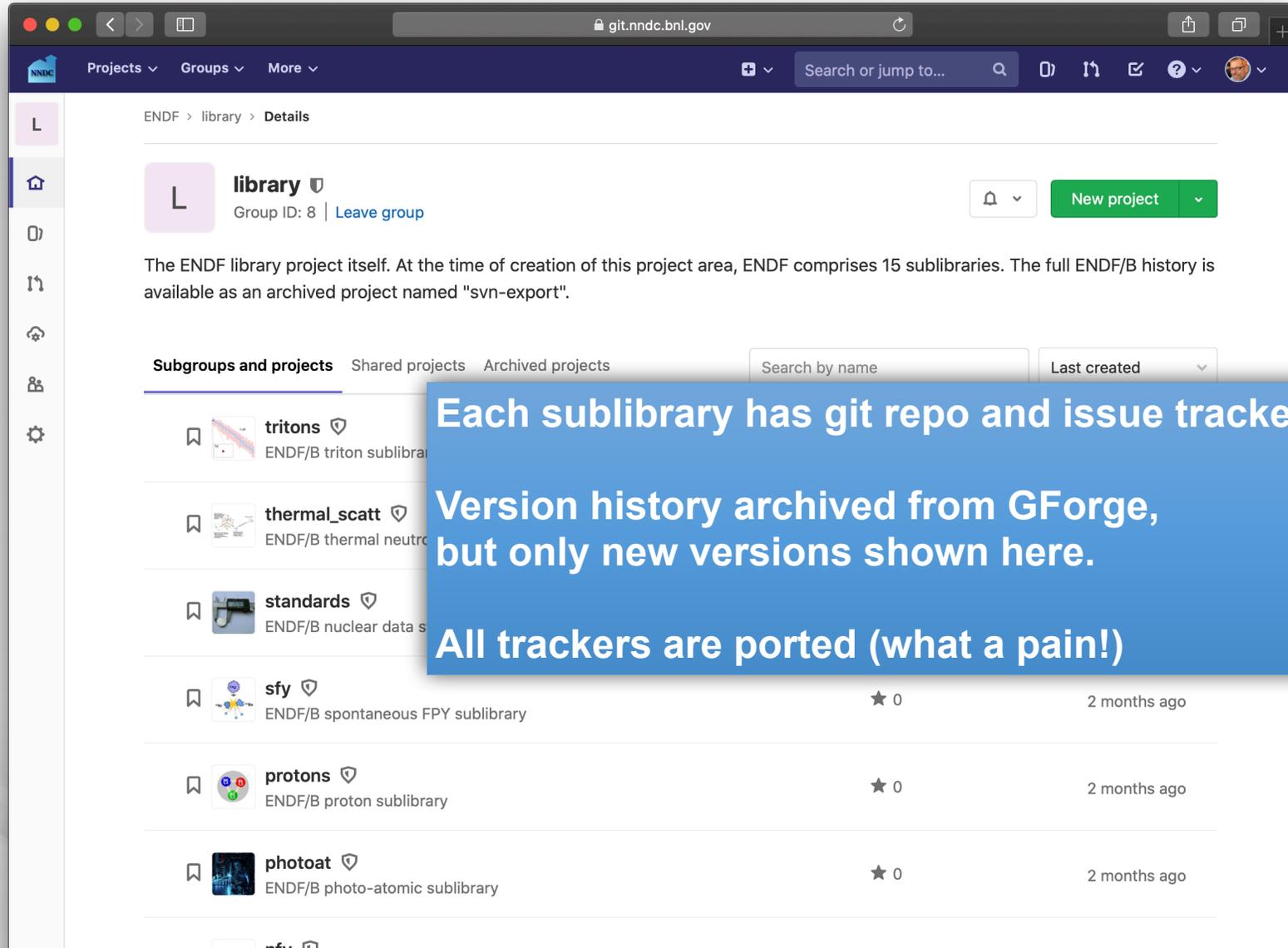
Energy, and law enforcement personnel, as well as authorized officials of other agencies, both domestic and foreign. By using this system, the user consents to such interception, monitoring, recording, copying, auditing, inspection, and disclosure at the discretion of authorized site or Department of Energy personnel.

Unauthorized or improper use of this system may result in administrative disciplinary action and civil and criminal penalties. By continuing to use this system you indicate your awareness

U.S. DEPARTMENT OF ENERGY

BROOKHAVEN NATIONAL LABORATORY

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The screenshot shows the web interface for the 'library' group on the git.nndc.bnl.gov platform. The page title is 'ENDF > library > Details'. The main content area displays the group name 'library' with a shield icon, Group ID: 8, and a 'Leave group' link. Below this, a description states: 'The ENDF library project itself. At the time of creation of this project area, ENDF comprises 15 sublibraries. The full ENDF/B history is available as an archived project named "svn-export".'

Under the 'Subgroups and projects' section, there are tabs for 'Shared projects' and 'Archived projects'. A search bar and a 'Last created' dropdown menu are also present. A list of sublibraries is shown, each with a bookmark icon, a name, a description, a star icon, and a date:

Sublibrary Name	Description	Stars	Created
tritons	ENDF/B triton sublibrary	0	2 months ago
thermal_scatt	ENDF/B thermal neutrons	0	2 months ago
standards	ENDF/B nuclear data standards	0	2 months ago
sfy	ENDF/B spontaneous FPY sublibrary	0	2 months ago
protons	ENDF/B proton sublibrary	0	2 months ago
photoat	ENDF/B photo-atomic sublibrary	0	2 months ago

Each sublibrary has git repo and issue tracker.

Version history archived from GForge, but only new versions shown here.

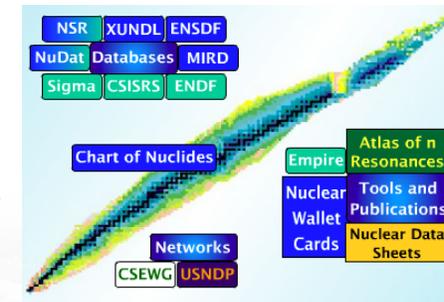
All trackers are ported (what a pain!)

What's next

- Thursday git/gitlab clinic (email me, if interested!)
- Adding user accounts (email me, as part of clinic)
 - Non-US folks, I will contact you separately.
You will need guest appointments & cybersecurity training
- Updating ENDF format review process (see Formats Session)
- Updating ENDF evaluation review process



advance2.nndc.bnl.gov



www.nndc.bnl.gov